

A. LEA Information

1. **What is the total student enrollment based on the most recent BEDS Day submission?**

872

2. **What is the student enrollment by grade band based on the latest BEDS Day submission?**

	Enrollment
Grades K-2	189
Grades 3-5	193
Grades 6-8	194
Grades 9-12	255

3. **What is the name of the district administrator entering the technology plan survey data?**

Carlos Ferrer

4. **What is the title of the district administrator entering the technology plan survey data?**

Other

4a. **If the response to question four was "Other", please provide the title.**

Network Administrator

B. Instructional Technology Vision and Goals

1. Please provide the district mission statement.

As a district, our mission is to provide the technology necessary to support the instructional needs of our students and staff. From entry level to complex skills, our students will be empowered to embrace technology and become independent learners. The students will learn technology skills in order to become college and career ready to work successfully in a continuously changing world.

2. Please provide the executive summary of the instructional technology plan, including vision and goals.

In order to empower our students to embrace technology and become independent learners our district technology plan will be implemented. The LaFayette district technology plan will address and maintain infrastructure, technology professional development, and instructional technology.

Network infrastructure and telecommunications will support instructional goals, providing reliable integration of technology in the educational setting. Network and computing security will be maintained to federal and state standards to secure district infrastructure, hardware and software. School district staff will have current professional development in a timely manner to support their utilization of educational technology in the classroom and professionally.

Annually, the district technology plan will be reviewed by the district technology committee and be revised as need to address changing goals and needs.

Goal Area: Infrastructure

Objective: Upgrade and maintain district network to support a 1:1 environment.

*Access point in every room

Goal Area: Technology Professional Development

Objective: Timely and consistent professional development for all staff, specific to educational goals and objectives, with support for staff through implementation.

Goal Area: Instructional Technology

Objective: Technology will be integrated into curricula, cyclically updated, and equitably distributed. The process for requesting technologies will be communicated with all staff.

Goal Area: Communication/Collaboration

Objective: Technology will create an environment of efficient communication and enhance collaboration.

3. Please summarize the planning process used to develop the instructional technology plan. Please include the stakeholder groups participating and outcomes of the instructional technology plan development meetings.

The District Technology Committee met several times throughout the school year to review, update and modify the District Technology Plan. The Committee used Google Docs to share the District Technology Plan and work collaboratively via the Web to review and update the plan. The Committee consisted of Teachers and Library Media Specialists at both the Primary and Secondary levels, Building Principals, the District Director of Instruction/Pupil Services, the School Business Official, the Superintendent, a system operator (Teacher Assistant) and the District Network Administrator. Within this Committee there were District Parents and Community Members.

4. Please provide the source(s) of any gap between the current level of technology and the district's stated vision and goals.

Access Points (Checked)

Device Gap (Checked)

Professional Development (Checked)

4a. Please specify if "Other" was selected in question four.

(No Response)

5. **Based upon your answer to question four, what are the top three challenges that are causing the gap? If you chose "No Gap Present" in question four, please enter N/A.**

The top three challenges to the gaps above are technology financing, collaboration time of stakeholders and updating the district's inventory.

C. Technology and Infrastructure Inventory

1. **What is the available network broadband bandwidth? Please express speed in Mb (Megabits) or Gb (Gigabits). ***

	Minimum Capacity (Expressed in Mb or Gb)	Maximum Capacity (Expressed in Mb or Gb)
Network Bandwidth: Incoming connection TO district schools (WAN)	1 GB	10 GB
Internal Network Bandwidth: Connections BETWEEN school buildings (LAN)	1 GB	10 GB
Bandwidth: Connections WITHIN school buildings (LAN)	1GB	10 GB

2. **What is the total contracted Internet access bandwidth for your district? Please express speed in Mb (Megabits) or Gb (Gigabits).**

120Mb

3. **What is the name of the agency or vendor that your district purchases its primary Internet access bandwidth service from?**

Time Warner

4. **Which wireless protocols are available in the district? Of these, which are currently in use? Check all that apply.**

	Available/In Use
802.11a	Available (Checked) In Use (Checked)
802.11b	Available (Checked) In Use (Checked)
802.11g	Available (Checked) In Use (Checked)
802.11n	Available (Checked) In Use (Checked)
802.11ac	(No Response)
802.11ad	(No Response)
802.11af	(No Response)

5. **Do you have wireless access points in use in the district?**

Yes

5a. **What percentage of your district's instructional space has wireless coverage?**

25

6. **Does the district use a wireless controller?**

Yes

7. **What is the port speed of the switches that are less than five years old in use in the district?**

1 Gb

8. **How many computing devices less than five years old are in use in the district?**

	Number of devices in use that are less than five years old	How many of these devices are connected to the LAN?
Desktop computers/Virtual Machine (VM)	288	288
Laptops/Virtual Machine (VM)	91	91
Chromebooks	135	135
Tablets less than nine (9) inches with access to an external keyboard	0	0
Tablets nine (9) inches or greater with access to an external keyboard	0	0
Tablets less than nine (9) inches without access to an external keyboard	143	143
Tablets nine (9) inches or greater without access to an external keyboard	0	0
Totals:	657.00	657.00

9. **Of the total number of students with disabilities in your district, what percentage of these students are provided with assistive technology as documented on their Individualized Education Programs (IEPs)?**

29

10. **From your technology needs assessment, please describe any additional assistance or resources that, if provided, would enhance the district's ability to provide improved access to technologies, including assistive technologies, for students with disabilities.**

The District could use additional funding for wireless access points and chromebooks to reach our goal of 1:1 computer access at our Junior-Senior High School and school-wide internet access. These two initiatives would allow our students to be competitive in the college and career marketplace. Our district would like to become a google school in order to better prepare our students for the technology of the future. We have taken strides in providing professional development to staff and students with regards to google apps and chromebooks. These tools would also allow our special needs students to access assistive internet-based programs. Our school is much more technology proficient than it was a little over a year ago due to new leadership team members who have place a priority on advancing the technology within the school district.

11. **How many peripheral devices less than five years old are in use in the district?**

	Number of devices in use that are less than five years old
Document Cameras	0
Flat Panel Displays	138
Interactive Projectors	0
Interactive Whiteboards	63
Multi-function Printers	11
Projectors	138
Scanners	0
Other Peripherals	0
Totals:	350.00

12. **If a number was provided for "Other Peripherals" please specify the peripheral device(s) and quantities for each.**

(No Response)

LAFAYETTE CSD

Instructional Technology Plan - Annually - 2015

Instructional Technology & Infrastructure Inventory

Status Date: 10/20/2015 11:38 AM

13. Does your district have an asset inventory tagging system for district-owned equipment?

Yes

14. Does the district allow students to Bring Your Own Device (BYOD)?

Yes

14a. On an average school day, approximately how many student devices access the district's network?

250

15. Has the school district provided for the loan of instructional computer hardware to students legally attending nonpublic schools pursuant to Education Law, section 754?

Yes

D. Software and IT Support

1. What are the operating systems in use in the district?

	Is this system in use?
Mac OS Version 9 or earlier	No
Mac OS 10 or later	Yes
Windows XP	No
Windows 7.0	Yes
Windows 8.0 or greater	No
Apple iOS 7 or greater	Yes
Chrome OS	Yes
Android	Yes
Other	No

2. Please provide the name of the operating system if the response to question one included "Other."

(No Response)

3. What are the web browsers, both available and supported, for use in the district?

	Web Browsers available and supported for use
Internet Explorer 7	No
Internet Explorer 8	No
Internet Explorer 9 or greater	Yes
Mozilla Firefox	No
Google Chrome	Yes
Safari (Apple)	Yes
Other	No

4. Please provide the name of the web browser if the response to question three included "Other."

(No Response)

5. Please provide the name of the learning management system (LMS) most commonly used in the district.

The District is currently using MyGradeBook and Blackboard Learning Management Softwares.

6. Please provide the names of the five most commonly used software programs that support classroom instruction in the district.

Our school district uses Read180, System 44, Microsoft Office Suite products, Google Apps, and Adobe software.

7. Please provide the names of the five most frequently used research databases if applicable.

The district uses the following database systems: Brainpop, Capstone Pebble Go, Worldbook Student, Glogster and Gale: Science in Context.

8. Does the district have a Parent Portal?

Yes

8a. Check all that apply to your Parent Portal if the response to question eight is "Yes."

Grade Reporting (Checked)

8b. If 'other' was selected in question eight (a), please specify the other feature(s).

We did not select other.

9. What additional technology-based strategies and tools, besides the Parent Portal, are used to increase parent involvement?

Emergency Broadcast System (Checked)
 Website (Checked)
 Facebook (Checked)
 Twitter (Checked)

9a. Please specify if the response to question nine was "Other".

(No Response)

10. Please list title and FTE count (as of survey submission date) of all staff whose primary responsibility is technical support.

Title	Number of Current FTEs
LAN Technician	1.00
Network Administrator	1.00
Teacher Assistant	3.00
Library Media Specialist	3.00
	8.00

E. Curriculum and Instruction

1. What are the district's plans to use digital connectivity and technology to improve teaching and learning?

The district has started to take initiatives to move to a google school. The district has ongoing training for google apps and are incorporating the apps into their classrooms and instruction. This summer (2015) the district began curriculum mapping on Google Docs Software. Teachers are able to see what other teachers across the district are teaching and how they are teaching it. It allows for a showcase of best practices and alignment to the NYS standards. The google environment provides collaboration and helps to improve technology literacy. It allows for real-time feedback on projects and assignments and allows students to complete their work from anywhere with an internet connection.

2. Does the district's instructional technology plan address the needs of students with disabilities to ensure equitable access to instruction, materials, and assessments?

Yes

2a. If "Yes", please specify.

The district deploys its technology equipment universally. Students have access to the same technology as long as it is reserved by the teachers.

3. Does the district's instructional technology plan address the provision of assistive technology specifically for students with disabilities to ensure access to and participation in the general curriculum?

Yes

3a. If "Yes", please provide detail.

The district abides by all assistive technology requirements for students with disabilities. If an Individualized Education Plan (IEP) or a 504 require assistive technology the district will provide that technology according to the student's plan.

F. Professional Development

- 1. Please provide a summary of professional development offered to teachers and staff, for the time period covered by this plan, to support technology to enhance teaching and learning. Please include topics, audience, and method of delivery within your summary.**

Every year the District Planning Committee, which is comprised of teachers (some of whom are community members as well) and administrators, meet in September and various times throughout the school year to assess teacher learning needs. Technology training has been incorporated into staff development half- and full- days . For example, in 2014-2015, our district initiated Scholastic reading interventions for our students. With this program, teachers can assess students' reading comprehension as well as learn teaching strategies to differentiate instruction. We will continue to train and review data from this program to help to improve instructional practices. We also are continuing training on Google and its various application products. To address future needs, the District Planning Committee will work with other groups, such as the District Technology Committee, to guarantee professional development in technology is ongoing and changing with the implementation of new technology and instructional practices.

- 2. Please list title and FTE count (as of survey submission date) of all staff whose primary responsibility is technology integration training and support for teachers.**

Title	Number of Current FTEs
Network Adminsitrator	1.00
Dir of Instruction	1.00
Teacher Assistant Sysop	2.00
Teacher System Operator	1.00
	5.00

LAFAYETTE CSD

Instructional Technology Plan - Annually - 2015

Technology Investment Plan

Status Date: 10/20/2015 11:38 AM

G. Technology Investment Plan

1. Please list the top five planned technology investments in priority order over the next three years.

	Anticipated Item or Service	Estimated Cost	Is Cost One-time or Annual	Potential Funding Source (May list more than one source per item.)
1	Staffing	139,565	Annual	Local Budget and Native American Aid
2	Other	162,400	Annual	Local Budget and Native American Aid
3	Broadband	95,000	Annual	Local Budget and Native American Aid
4	Printers	57,000	Annual	Local Budget and Native American Aid
5	Servers	22,448	Annual	Local Budget and Native American Aid
Totals:		476,413.00		

2. If "Other" was selected in question one, please specify.

BOCES Staffing - Network Administrator and LAN Tech

H. Status of Technology Initiatives and Community Connectivity

1. **Please check any developments, since your last instructional technology plan, that affect the current status of the technology initiatives.**

Changes in Staffing (Checked)
Changes in Funding (Checked)
Technology Plan Implementation (Checked)
Developments in Technology (Checked)
Changes in Legislation (Checked)

- 1a. **Please specify if response to question one was other.**

(No Response)

2. **In this section, please describe how the district plans to increase student and teacher access to technology, in school, at home, and in the community.**

The district has made it a goal to have 1:1 computing and district-wide internet access. All teachers and students at the junior-senior high school will have individual chromebooks. The district is also using google apps to allow for access to school work wherever the student or teacher has internet access. The district currently has a guest wireless network that allows filtered access to the internet from within school facilities. The district is working to improve internet access in all buildings to all students and teachers access anywhere within the facilities.

3. **Please check all locations where Wi-Fi service is available to students within the school district geographical boundaries.**

School (Checked)
Home (Checked)
Community (Checked)

- 3a. **Please identify categories of available Wi-Fi locations within the community.**

The District currently has wifi access at local restaurants (Nice N Easy, McDonalds) as well as the local library.

I. Instructional Technology Plan Implementation

- 1. Please provide the timeline and major milestones for the implementation of the instructional technology plan as well as the action plan to integrate technology into curriculum and instruction to improve student learning.**

Hardware and software in the district is to be replaced on a regular cycle. The district has a goal to replace hardware and upgrade software at least every 4-5 years. If existing equipment that is "coming off lease" is still 100% serviceable, funds can be redirected to help add new equipment. The "off lease" equipment will be reevaluated every year after its lease expires to assess its continued use.

The District is in the process of updating its district-wide inventory this Summer of 2015. Once we have completed the district-wide inventory and establish where we stand on finances, every effort will be made to move to 1:1 computing for grades 5-12. As we implement 1:1 computing, the district will continue to Google Tools to allow for new opportunities in collaboration and in making our district a global community.

The District has also placed an initiative to start providing professional development for google tools and chromebooks that began in the 2015-16 school year. There will be continued professional development as provided by the Media Connect Service that the District subscribes to through Onondaga Cortland Madison BOCES. With subscription to this service, the District has access to 4 professional development days for technology as well as several technology workshops annually. The District is also a member of the Central New York Teacher Center and has access to technology workshops for free through their involvement with the Teacher Center.

The District had a five-year hardware/software lease for technology infrastructure including switches for the entire district, virtual infrastructure, servers, storage area network equipment, wireless controller, access points, project lead the way computers, nine printers, ten Promethean boards, big picture computers and ten document cameras (we have typically replaced/repared these items as needed out of other budget/grant monies). There were also 160 netbooks and the network administrator has a plan to replace these in the new lease. Although we do not currently have a Director of Technology, we do have a Network Administrator who oversees the technology for the district and meets with the technology committees and the administrative team on a regular basis to discuss and assess our district's technology needs.

J. Monitoring and Evaluation

1. **Please describe the proposed strategies that the district will use to evaluate, at least twice a year, the effectiveness of the implementation of the district's instructional technology plan to improve teaching and learning.**

The District Technology will meet at least twice a year to review the progress of the implementation of the Technology plan. When reviewing the plan, the committee will look at the inventory of technology hardware and software and its effectiveness in the District. If there is equipment or software that is not functioning appropriately the committee will plan either to dispose of or replace the hardware or software. The technology committee will also review the age of equipment and the technology replacement plan to see if the plan needs updating.

This structure offers opportunities to exchange thoughts, share research, synthesize findings and formulate solutions that will help lead our district in the future of instructional technology. Essential to the development of the technology plan and technology integration into our schools is input from all buildings which have been established this year. The purpose of the committee is to:

1. Develop, Implement, and Monitor long-range technology plan • Promote a structured technology program tied to District Goals • Collaborative process to assess progress of the technology program • Promote an objectives-based process for decision making
2. Submit Recommendations to the Board & Superintendent • Collaboration to prioritize budget technology requests • Forecast and Plan for long-term technology replacement and upgrades through BOCES Lease, Projects, and Grants

The Technology Committee will begin meeting in the Fall, the first activity will be to existing technology and data, review the committee's goals, objectives and action items contained in the technology plan.

2. **Please fill in all information for the policies listed below.**

	Date of Public Forum (If applicable)	URL	Year Policy Adopted
Acceptable Use Policy -- AUP	(No Response)	http://www.lafayetteschools.org/tfiles/folder650/1A1-Policy%20Manual%202006.pdf	2006
Internet Safety/Cyberbullying	09/14/2016	http://www.lafayetteschools.org/tfiles/folder650/1A1-Policy%20Manual%202006.pdf	2006
Parents' Bill of Rights for Data Privacy and Security	(No Response)	http://www.lafayetteschools.org/highschool	2006

3. **Does the district have written procedures in place regarding cybersecurity?**

Yes

K. Survey Feedback

Thank you for submitting your district's instructional technology plan (ITP) survey via the online collection tool. We appreciate the time and effort you have spent completing the ITP survey. Please answer the following questions to assist us in making ongoing improvements to the online survey tool.

1. Was the survey clear and easy to use

Yes

1a. If response was "No", please explain.

(No Response)

2. Was the guidance document helpful?

Yes

2a. If "No", please explain.

(No Response)

3. What question(s) would you like to add to the survey? Why?

(No Response)

4. What question(s) would you omit from the survey? Why?

(No Response)

5. Other comments.

(No Response)

Appendices

1. **Upload additional documentation to support your submission**

(No Response)